

3722

AMENDMENT TRANSMITTAL LETTER (Large Entity)

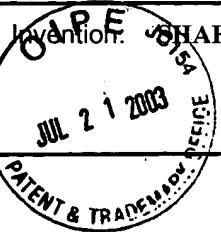
Applicant(s): HAUSCHILD, et al.

Docket No.

56667 (71980)

Serial No.
10/019,749Filing Date
12.21.01Examiner
B. WalshGroup Art Unit
3722

Invention: SHAFT TOOL WITH FIXEDLY DISPOSED WINGLIKE INSERTS



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TO THE COMMISSIONER FOR PATENTS:

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Transmitted herewith is an amendment in the above-identified application.

TECHNOLOGY CENTER R3700

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	18 -	20 =	0	x \$18.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0	x \$84.00	\$0.00
Multiple Dependent Claims (check if applicable)		□			\$0.00
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$0.00

No additional fee is required for amendment.

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Any additional filing fees required under 37 C.F.R. 1.16.

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Signature

Dated: 18 July '03

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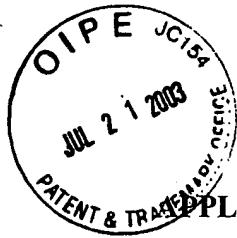
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Attorney Docket: 56667 (71980)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Rüdiger Hauschild et al. EXAMINER: B. Walsh
SERIAL NO. 10/019,749 GROUP: 3722
FILED: December 21, 2001
FOR: SHAFT TOOL WITH FIXEDLY DISPOSED WINGLIKE INSERTS

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 18th, 2003.

By: Denise A. Rose

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

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AMENDMENT

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In the Specification:

Please amend the paragraph at page 3, lines 22-31 to read as follows:

The problem is solved pursuant to the invention with a shank-end tool with a wing-like cutter blade as a cutter insert that is characterized by a shank (1) rotatable around its longitudinal axis (2) that can be connected detachably to a drive device and is provided at its free end section (6) with at least one groove-shaped recess (7) extending in the axial direction and one flat cutter blade (8), which is provided with a ~~wear resistant~~ non-cutting blade edge (12) on its leading face viewed in the direction of advance (9). The minimal blade thickness brings about a substantial reduction of friction between the blade edges and the casting mold surface, which not only